


IAPO Rec'd PCT/PTO 22 JUN 2006

**ATTORNEY'S DOCKET NUMBER: 2006078-0009 (JG/12987.54)**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Boileau, et al. Examiner: Not yet assigned  
Serial No.: 10/549,796 Art Unit: Not yet assigned  
Filing Date: September 19, 2005 Conf. No: 2182  
Corresp. to: PCT/CA2004/000453  
Int. Filing Date: March 25, 2004  
Earliest Priority: March 25, 2003  
Title: PHEX SUBSTRATES AND METHODS USING SAME

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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June 20, 2006	
Date	Signature
	Mary B. Wilson
Typed or Printed Name of person signing certificate	

Sir:

**TRANSMITTAL LETTER**

Enclosed **for filing** in the above-referenced patent application, please find the following documents:

1. Response to Notification of Missing Requirements Under 35 U.S.C. §371 mailed May 11, 2006 (2 pp);
2. Copy of Notification of Missing Requirements Under 35 U.S.C. §371 (12 pp);
3. Executed Declaration from PCT/CA2004/000453 (3 pp);
4. Paper Copy of the Corrected Sequence Listing (2 pp);
5. Computer Readable Copy of the Corrected Sequence Listing (on CD);
6. Statement Under 37 C.F.R. §1.821 (f) and (g) (2 pp);
7. Credit Card Payment form in the amount of \$65.00 for the Declaration Submission Fee (1 pg); and
8. Return-Receipt Postcard.

Please charge any additional fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

06/29/2006 MKAYPAGH 00000122 10549796


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65.00 DP

Date: June 20, 2006

PATENT DEPARTMENT  
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Boston, Massachusetts 02110  
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Respectfully Submitted,  
CHOATE, HALL & STEWART LLP

  
Charles E. Lyon, D. Phil.  
Reg. No. 56,630




ATTORNEY'S DOCKET NUMBER: 2006078-0009 (JG/12987.54)

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June 20, 2006 Date	 Signature Mary B. Wilson
Typed or Printed Name of person signing certificate	

Sir:

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**  
**UNDER 35 U.S.C. §371 IN THE UNITED STATES**  
**DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Enclosed herewith in response to the Notice to File Missing Requirements Under 35 U.S.C. §371 mailed May 11, 2006 are the following documents:

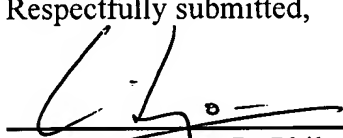
1. The Notice States that an Oath or Declaration identifying the application by the International Application Number and International Filing Date is missing.  
Enclosed please find an Executed Declaration identifying PCT/CA2004/000453 filed March 25, 2004 (3 pp);
2. The Notice States that the Applicant must provide a Corrected Computer Readable Copy of the Sequence Listing.  
Enclosed please find a Corrected Sequence Listing in both Paper (9 pp) and Computer Readable Form (CD) and the Statement Under 37 C.F.R. §1.821 (f) and (g) (2 pp) indicating that both copies are identical.
3. The Notice States that a late oath or declaration surcharge in the amount of \$65.00 for a small entity must be submitted.  
Enclosed please find a Credit Card Form (1 pg) authorizing the required payment due for a small entity in Compliance with 37 CFR 1.27.

4. A copy of the Notification of Missing Requirements Under 35 U.S.C. §371 (12 pp);
5. Return-Receipt Postcard.

Please charge any additional fees or credit any overpayments that may be required to our Deposit Account No. 03-1721.

Respectfully submitted,

Dated: June 20, 2006

  
\_\_\_\_\_  
Charles E. Lyon, D. Phil.  
Reg. No. 56,630

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BH/CEL



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/549,796	Guy Boileau	2006078-0009 (JG/12987.54)

INTERNATIONAL APPLICATION NO.
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PCT/CA04/00453

Choate, Hall & Stewart LLP  
 Patent Department  
 Exchange Place, 53 State Street  
 Boston, MA 02109

*Response to MR/*  
*Sequence Listing*  
**Due** 7-11-06  
**Final** 12-11-06

I.A. FILING DATE	PRIORITY DATE
03/25/2004	03/26/2003

CONFIRMATION NO. 2182

371 FORMALITIES LETTER



\*OC000000018767681\*

Date Mailed: 05/11/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

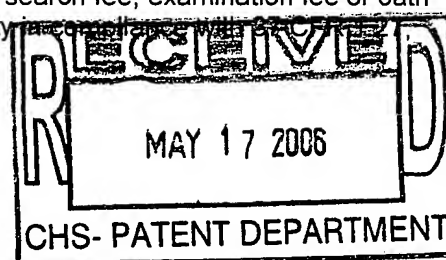
- Indication of Small Entity Status
- Copy of the International Application filed on 09/19/2005
- Copy of the International Search Report filed on 09/19/2005
- Copy of IPE Report filed on 09/19/2005
- Preliminary Amendments filed on 09/19/2005
- Information Disclosure Statements filed on 01/20/2006
- Biochemical Sequence Diskette filed on 09/19/2005
- Biochemical Sequence Listing filed on 09/19/2005
- U.S. Basic National Fees filed on 09/19/2005
- Priority Documents filed on 09/19/2005
- Power of Attorney filed on 09/19/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity, in accordance with 37 CFR 1.492(h), must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:



Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65 Surcharge.**
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/549,796	PCT/CA04/00453	2006078-0009 (JG/12987.54